

# Comparisons of Job Characteristics

**Focus Occupation:** Gas Compressor and Gas Pumping Station Operators (53-7071)  
**Associated Occupation:** Petroleum Pump System Operators, Refinery Operators, and Gaugers (51-8093)

Compare Knowledge  
 Compare Skills  
 Compare Abilities  
 Compare Detailed Work Activities  
 Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 91

Focus Occupation: Gas Compressor and Gas Pumping Station Operators (53-7071)

Associated Occupation: Petroleum Pump System Operators, Refinery Operators, and Gaugers (51-8093)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	13.1	16.8	>>	Current knowledge level is likely more than sufficient
Public Safety and Security	6.9	9.2	11.8	>	Current knowledge level is likely sufficient
Chemistry	4.8	6.5	7.1	0	Current knowledge level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 86

Focus Occupation: Gas Compressor and Gas Pumping Station Operators (53-7071)

Associated Occupation: Petroleum Pump System Operators, Refinery Operators, and Gaugers (51-8093)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation Monitoring	6.6	15.9	12.6	<<	Extensive development of skills in this area may be required
Monitoring	9.9	12.2	9.6	<	A higher skill level may be required
Operation and Control	5.4	11.6	11.6	0	Current skill level may be sufficient
Quality Control Analysis	5.9	11.0	9.5	<	A higher skill level may be required
Troubleshooting	4.5	8.2	9.0	0	Current skill level may be sufficient
Equipment Maintenance	3.5	7.9	9.7	>	Skill level is likely sufficient
Repairing	3.4	7.1	9.6	>>	Skill level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Abilities

Similarity of Focus Occupation to Associated Occupation: 83

**Focus Occupation: Gas Compressor and Gas Pumping Station Operators (53-7071)**

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Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Perceptual Speed	7.4	13.2	10.1	<<	Extensive improvement in abilities may be required
Auditory Attention	5.9	11.8	10.0	<	Some improvement in abilities may be required
Selective Attention	8.7	11.8	9.8	<	Some improvement in abilities may be required
Flexibility of Closure	7.8	11.4	8.4	<<	Extensive improvement in abilities may be required
Reaction Time	4.8	11.0	9.2	<	Some improvement in abilities may be required
Hearing Sensitivity	5.6	9.8	8.2	<	Some improvement in abilities may be required
Speed of Closure	5.9	8.8	6.9	<	Some improvement in abilities may be required
Gross Body Equilibrium	3.2	7.2	5.6	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 97

**Focus Occupation: Gas Compressor and Gas Pumping Station Operators (53-7071)**

**Associated Occupation: Petroleum Pump System Operators, Refinery Operators, and Gaugers (51-8093)**

Work Activities	Exclusivity of Activity
Adjust production equipment/machinery setup	25
Clean equipment or machinery	20
Control operation of compressors	76
Maintain consistent production quality	50
Maintain or repair industrial or related equipment/machinery	39
Maintain production or work records	19
Monitor production machinery/equipment operation to detect problems	27
Operate chemical processing equipment	77
Operate gas, petroleum, or power distribution equipment	85
Operate power driven pumps	66
Perform safety inspections in manufacturing or industrial setting	33
Test materials or solutions	73
Use chemical testing or analysis procedures	54
Use hand or power tools	2
Use laboratory equipment	60

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: n/a

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Tools and Technologies	Exclusivity
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Tools and technology data is unavailable for one or both occupations.	
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Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.